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## WE CLAIM:

L	1.	Α	therapeutic	compound	comprising

- a) at least one drug moiety; and
- b) at least one polypeptide drug carrier
  4 moiety,

wherein the drug moiety is covalently linked to the carrier moiety, and

wherein based on the total weight of the carrier moiety, the carrier moiety comprises from about 50% to about 90% glutamic acid, and from about 10% to about 50% of at least a second amino acid selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, glycine, and any combinations thereof.

2. The therapeutic compound of claim 1, wherein the drug carrier moiety has a molecular weight from about 20,000 daltons to about 50,000 daltons

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- The therapeutic compound of claim 1, wherein the
   second amino acid is aspartic acid.
- 4. The therapeutic compound of claim 1, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.
  - 5. The therapeutic compound of claim 1, wherein the drug moiety is a therapeutic metal.
  - 6. The therapeutic compound of claim 5, wherein the metal is selected from the group consisting of platinum, iron, gadolinium, rhenium, manganese, cobolt, indium, gallium or rhodium.
  - 7. The therapeutic compound of claim 1, wherein the

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- drug moiety is 1,2-diaminocyclohexane platinum (II)
- and 1,2-diaminocyclohexane-dichloro platinum (IV).
- 8. The therapeutic compound of claim 1, wherein based on the total weight of the carrier moiety, the carrier moiety comprises from about 60% to about 80% glutamic acid, and from about 20% to about 40% of the second amino acid.
  - 9. The therapeutic compound of claim 8, wherein the second amino acid is aspartic acid.
  - 10. The therapeutic compound of claim 8, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.
- 1 11. The therapeutic compound of claim 1, wherein

- based on the total weight of the carrier moiety, the
- carrier moiety comprises from about 70% to about 75%
- 3 glutamic acid, and from about 25% to about 30% of
- 4 the second amino acid.
- 1 12. The therapeutic compound of claim 11, wherein
- the second amino acid is aspartic acid.
  - 13. The therapeutic compound of claim 11, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.
- 1 14. The therapeutic compound of claim 1 wherein
- 2 based on the total weight of the therapeutic
- 3 compound, the compound comprises from about 10 % to
- 4 about 60 % drug moiety.

- 1 15. The therapeutic compound of claim 1, wherein
  2 based on the total weight of the therapeutic
  3 compound, the compound comprises from about 40
  4 percent to about 90 percent carrier moiety.
- 1 16. The therapeutic compound of claim 1 wherein
  2 based on the total weight of the therapeutic
  3 compound, the compound comprises about 20 percent to
  4 about 50 percent drug moiety.
  - 17. therapeutic compound of claim 1, wherein based on the total weight of the therapeutic compound, the compound comprises about 20 percent to about 40 percent drug moiety.
- 1 18. The therapeutic compound of claim 1, wherein the 2 amino acids can be in L form, or D form, or a
- 3 racemic mixture of L and D forms.

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1	19.	The t	ther	ap	eutic	comp	ound	of	claim	1	wherein	the
2	drug	moie	ty.	is	plati	num	(II)	and	plati	.nu	ım (IV),	

wherein based on the total weight of the carrier moiety, the carrier moiety comprises about 70 percent glutamic acid and about 30 percent aspartic acid.

wherein the drug moiety is about 24 percent to about 30 percent by weight of the total weight of the therapeutic compound, and

wherein the molecular weight of the therapeutic compound is from about 26,000 to about 30,000 daltons.

- 20. A method for making a therapeutic compound, the method comprising the steps of:
- a) covalently conjugating at least one drug moiety with at least one polypeptide drug carrier moiety to create a therapeutic compound,

wherein based on the total weight of the carrier

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- moiety, the carrier moiety comprises from about 50% to about 90% glutamic acid, and from about 10% to about 50% of at least a second amino acid selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, glycine, and any combinations thereof.
  - 21. The method of claim 20, wherein the drug carrier moiety has a molecular weight from about 20,000 daltons to about 50,000 daltons
  - 22. The method of claim 20, wherein the second amino acid is aspartic acid.
  - 23. The method of claim 20, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.

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- 1 24. The method of claim 20, wherein the drug moiety
- is a therapeutic metal.
- 25. The method of claim 24, wherein the metal is selected from the group consisting of platinum, iron, gadolinium, rhenium, manganese, cobolt,
- 4 indium, gallium or rhodium.
  - 26. The method of claim 20, wherein the drug moiety is 1,2-diaminocyclohexane platinum (II) and 1,2-diaminocyclohexane-dichloro platinum (IV).
  - 27. The method of claim 20 wherein the drug moiety is platinum (II) and platinum (IV),
  - wherein based on the total weight of the carrier moiety, the carrier moiety comprises about 70 percent glutamic acid and about 30 percent aspartic acid,
- 7 wherein the drug moiety is about 24 percent to

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1	about	30	percent	by	weight	of	the	total	weight	of
2	the th	iera	peutic c	gmo	ound, a	nd				

wherein the molecular weight of the therapeutic compound is from about 26,000 to about 30,000 daltons.

- 28. A composition comprising a therapeutic compound wherein the compound comprises
  - a) at least one drug moiety; and
- b) at least one polypeptide drug carrier moiety,

wherein the drug moiety is covalently linked to the carrier moiety, and

wherein based on the total weight of the carrier moiety, the carrier moiety comprises from about 50% to about 90% glutamic acid, and from about 10% to about 50% of at least a second amino acid selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, glycine, and any combinations

- thereof.
- The composition of claim 28, wherein the drug 1
- carrier moiety has a molecular weight from about 2
- 20,000 daltons to about 50,000 daltons 3
- The composition of claim 28, wherein the second 1 amino acid is aspartic acid.
  - The composition of claim 28, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.
  - The composition of claim 28, wherein the drug 1 moiety is a therapeutic metal.

  - The composition of claim 32, wherein the metal 1

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- is selected from the group consisting of platinum,
- iron, gadolinium, rhenium, manganese, cobolt,
- indium, gallium or rhodium.
- 1 34. The composition of claim 28, wherein the drug
- 2 moiety is 1,2-diaminocyclohexane platinum (II) and
- 3 1,2-diaminocyclohexane-dichloro platinum (IV).
  - 35. The composition of claim 28 wherein the drug moiety is platinum (II) and platinum (IV),

wherein based on the total weight of the carrier moiety, the carrier moiety comprises about 70 percent glutamic acid and about 30 percent aspartic acid,

wherein the drug moiety is about 24 percent to about 30 percent by weight of the total weight of the therapeutic compound, and

wherein the molecular weight of the therapeutic compound is from about 26,000 to about 30,000

daltons.

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- 36. A method for making a composition the method comprising the steps of:
  - a) combining a pharmaceutical carrier with a therapeutic compound to produce a composition, wherein the therapeutic compound comprises
    - a) at least one drug moiety; and
  - b) at least one polypeptide drug carrier moiety,

wherein the drug moiety is covalently linked to the carrier moiety, and

wherein based on the total weight of the carrier moiety, the carrier moiety comprises from about 50% to about 90% glutamic acid, and from about 10% to about 50% of at least a second amino acid selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, glycine, and any combinations thereof.

- 1 37. The method of claim 36, wherein the drug carrier
- 2 moiety has a molecular weight from about 20,000
- daltons to about 50,000 daltons
- 1 38. The method of claim 36, wherein the second amino
- 2 acid is aspartic acid.
  - 39. The method of claim 36, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.
  - 40. The method of claim 36, wherein the drug moiety is a therapeutic metal.
- 1 41. The method of claim 40, wherein the metal is
- 2 selected from the group consisting of platinum,
- iron, gadolinium, rhenium, manganese, cobolt,

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- indium, gallium or rhodium.
- 1 42. The method of claim 36, wherein the drug moiety
- is 1,2-diaminocyclohexane platinum (II) and 1,2-
- diaminocyclohexane-dichloro platinum (IV).
  - 43. The method of claim 36 wherein the drug moiety is platinum (II) and platinum (IV),

wherein based on the total weight of the carrier moiety, the carrier moiety comprises about 70 percent glutamic acid and about 30 percent aspartic acid,

wherein the drug moiety is about 24 percent to about 30 percent by weight of the total weight of the therapeutic compound, and

wherein the molecular weight of the therapeutic compound is from about 26,000 to about 30,000 daltons.

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- 1 44. The method of claim 36 wherein the composition 2 is in a solid dosage form or a liquid dosage form.
- 1 45. The method of claim 36\_wherein the composition 2 is in a form selected from the group consisting of 3 solids, capsules, tablets, powders, elixirs, syrups, 4 emulsions, and suspensions.
  - 46. A method for treating a patient afflicted with a condition, the method comprising the step of
  - a) administering a therapeutically effective amount of a therapeutic compound to a patient, wherein the compound comprises
    - a) at least one drug moiety; and
  - b) at least one polypeptide drug carrier moiety,
    - wherein the drug moiety is covalently linked to the carrier moiety, and
- wherein based on the total weight of the carrier

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- moiety, the carrier moiety comprises from about 50% to about 90% glutamic acid, and from about 10% to about 50% of at least a second amino acid selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, glycine, and any combinations thereof.
  - 47. The method of claim 46, wherein the drug carrier moiety has a molecular weight from about 20,000 daltons to about 50,000 daltons
  - 48. The method of claim 46, wherein the second amino acid is aspartic acid.
  - 49. The method of claim 46, wherein the second amino acid consists of a combination of two or more amino acids selected from the group consisting of aspartic acid, alanine, asparagine, glutamine, and glycine.

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- 1 50. The method of claim 46, wherein the drug moiety
- 2 is a therapeutic metal.
- 1 51. The method of claim 50, wherein the metal is
- 2 selected from the group consisting of platinum,
- iron, gadolinium, rhenium, manganese, cobolt,
- 4 indium, gallium or rhodium.
  - 52. The method of claim 46, wherein the drug moiety is 1,2-diaminocyclohexane platinum (II) and 1,2-diaminocyclohexane-dichloro platinum (IV).
  - 53. The method of claim 46\_wherein the drug moiety is platinum (II) and platinum (IV),
  - wherein based on the total weight of the carrier moiety, the carrier moiety comprises about 70 percent glutamic acid and about 30 percent aspartic
- 6 acid,
- 7 wherein the drug moiety is about 24 percent to

- about 30 percent by weight of the total weight of the therapeutic compound, and
- wherein the molecular weight of the therapeutic compound is from about 26,000 to about 30,000 daltons.
  - 54. The method of claim 46 wherein the step of administering comprises administering to the patient a therapuetic composition comprising the therapeutic compound,

wherein the composition may be administered orally or parenterally, and wherein the composition may be in a solid dosage form, a liquid dosage form, or any combination thereof.